



BRIO
HRANICE

BRIO Hranice spol. s r.o., Teplická 232, Hranice 75301
Tel.: 581614566, Mob.: 602503948, 724080133

LABORATORY MILL BVM-2



Laboratory mill is a vibratory device for grinding raw materials up to a hardness 9 of Mohs degrees in an amount from 100 to 200 g weight of the samples and with a grain size up to 15 mm.

In the cabinet is freely suspended on six springs milling device on which is fixed electric motor. The upper part of the housing is provided with a cover closing the device during operation. Grinding is executed in closed bowl with cooler. Clamping of bowl is implemented using a pneumatic cylinder, or by the manual chuck. For transferring is housing provided with handles. The time required for grinding is set on a timer. To enhance operator safety is device provided with a limit switch (registers closed lid).

The device is characterized by high operational reliability and simple operation. The device comes with internal acoustic foil and anchoring frame.

Pneumatic clamping:

Needs pressure 0,5 MPa from compressor or from distribution of compressed air.

Clamping is insured by pressure check valve (fuse of clamping bowl) and by the switching pressure valve (engine can not run without clamped bowl).

Manual clamping:

Very simple and reliable clamping of bowl. Without pneumatic fuse.



The device comes standard with a grinding bowl made of tool steel hardened 19436. May also be supplied from durable sintered material hardness GH13 1 100HV (87% WC, 13% Co).



Technical data:	BVM-2
Dimensions A x B x H	500 x 500 x 750 mm
Diameter of the bowl	250 mm
Max. incoming grain	15 mm
Outcoming grain (depended on time of grinding)	under 0,045mm
Time of grinding	1 sec. to 300 hrs.
Soundproofing	double insulation with Al. foil
Power	1,2 kW
Voltage	3x400V/50 Hz
Mass	150 kg